

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pathophysiology

**Manuscript NO:** 41205

**Title:** The role of TNFSF15 in the intestinal inflammatory response

**Reviewer's code:** 03538924

**Reviewer's country:** Japan

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-08-03

**Date reviewed:** 2018-08-06

**Review time:** 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

"The unappreciated role of TNFSF15 in gastrointestinal diseases" by Tanya Kadiyska et al. was a review article which introduced the role of TNFSF15 in gastrointestinal diseases. It is well written and good paper for the readers. However, several points remain to be addressed. Major point: 1. The direct contribution of TNFSF15 to DD was not



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described in this manuscript. Several genetic association studies should be added (e.g., Connelly TM et al. Ann Surg 2014). 2. TNFSF15 is the second strongest susceptibility gene to Primary biliary cholangitis (PBC) in Asian populations (Nakamura M et al. Am J Hum Genet 2012; Kawashima M et al. Hum Mol Genet 2017; Qiu F et al. Nat Commun 2017). Additionally, rs4979462 had been identified as the primary functional variant in TNFSF15 (Hitomi Y et al. Hum Genet 2015; Sun Y et al. Sci Rep 2016). Therefore, the contribution to the pathogenesis of PBC should be described in this manuscript. Minor point: 3. P.4, L.17, TL1A is a longer “splicing” variant.

## **INITIAL REVIEW OF THE MANUSCRIPT**

### ***Google Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

### ***BPG Search:***

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pathophysiology

**Manuscript NO:** 41205

**Title:** The role of TNFSF15 in the intestinal inflammatory response

**Reviewer's code:** 03257023

**Reviewer's country:** India

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-08-14

**Date reviewed:** 2018-08-27

**Review time:** 13 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
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		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

1. The title reads as "The unappreciated role of TNFSF15 in gastrointestinal diseases". However the manuscript is not related to all gastrointestinal diseases but only confined to Crohn's disease and ulcerative colitis. Also, it does not make clear why the role of this gene is "unappreciated". The Abstract does not deal with all gastrointestinal disorders



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but only mentions Crohn's disease, ulcerative colitis and diverticular disease. Hence the Abstract does not go with the Title. 3. The review is very brief in nature. It is not clear whether this is a review or an editorial written in respect of an Original Article that is being published at the same time in the Journal. 4. Diverticular disease is mentioned in the initial part, but no studies relating diverticular disease to TNFSF15 either by genetic linkages or by way of pathophysiology are mentioned in the review. 5. The last sentence of the Abstract mentions that "Furthermore, we summarize what is currently known of TNFSF15 control region variants and how they can be used to predict susceptibility to IBD as well as to establish a patient's risk of requiring surgical intervention". Unfortunately any discussion of this aspect is missing in the text of the review.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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- ☐ No

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- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No